

10/588095

SEQUENCE LISTING

<110> SUNG, SOON-KEE
LEE, YOUNG-PYO
YU, GYUNG-HEE
CHOI, YEON-OK

<120> The usage of MADS-box genes in fruit & seed development by
regulating active gibberelin synthesis

<130> 428.1074

<150> PCT/KR05/00282

<151> 2005-01-31

<150> KR10-2004-10432

<151> 2004-02-17

<150> KR10-2004-6551

<151> 2004-02-02

<160> 24

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<210> 1

<211> 1065

<212> DNA

<213> Malus domestica

<220>

<221> gene

<222> (1)..(1065)

<223> Malus domestica mRNA for C-type MADS-box protein (MdMADS14)

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actcaaagtc aagaactaac agaaagagcc acaattcatc tattttgagg gggtttttgcc 120

atttttcatc cttgtaacaa tggagttcgc aaatcaagca cctgagagct ctacccaaaa 180

aaaattggga agaggcaaaa ttgagattaa gcggatcgaa aacactacca atcgacaagt 240

caccttctgc aaacgccgca acggattgct taagaaagcc tatgaattgt ctgttctttg 300

tgatgctgaa gttgctctta tcgtcttctc caccgtggc cgcctctatg agtatgctaa 360

caacagcggtt agagcaacaa tcgacaggta caaaaaagca tgcgctgatt ctacggacgg 420

tggatctgta tcagaagcta aactcagtt ttatcagcag gaagcatcaa aactgcgaag 480

acagatccga gaaattcaga attcaaacag gcatatactg ggggaatccc ttagcacctt 540

gaaagtcaag gaactgaaaa acctagaagg aagattggag aaaggaatca gcagaataag 600

atccaaaaag aatgaaatcc tgtttttctga aatcgaattc atgcaaaaaga gggagactga 660
 gctgcaacac cacaacaatt ttctgagagc aaagatagct gaaagcgaga gggaacagca 720
 gcagcagcaa acacatatga ttccgggaac ttcttacgat ccgtcgatgc cttcgaattc 780
 gtatgacagg aacttcttcc ctgtgatctt ggagtccaat aataaccatt accctcgcca 840
 aggccagaca gctctccaac ttgtttgaaa tgctggactg ccgtctgatg ttcttctatc 900
 catatcctct gatctgtctt cataaatcta tgagataatt gacgttgtag tttttatgta 960
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 <212> DNA
 <213> Malus domestica

<220>
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 <222> (1)..(876)
 <223> Malus x domestica AGAMOUS-like protein mRNA, complete
 cds (MdMADS16)

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 gcaacaatgg agttcccaaa tcaagcaccc gagagctcct ccagaaaaaa attgggaagg 180
 ggcaaaattg agattaagcg gatcgaaaac actacaaatc gacaagttac cttctgcaaa 240
 cgccgcaacg gattgcttaa gaaagcctat gaattgtctg ttctttgtga tgctgaagtt 300
 gctcttatcg tgttctccaa ccgtggccgc ctctatgagt atgctaacaa cagtgttaga 360
 gcaacaatcg acaggtacaa aaaagcatac gctgaccta cgaacagtgg atctgtttca 420
 gaagccaaca ctcaagtttta tcagcaggaa gcatccaaac tgcgaagaca gatccgagaa 480
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 aacaattttc tgagagcaaa gatagctgaa aacgagaggg aagagcagca gcatacacac 720
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876

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ggctgcagga attcggcact aggcaatt 28

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<212> DNA

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<223> ACTIN reverse primer

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21

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gaaaacgaga gggaagagca gcagcatata cacatgatgc cgggaacttc ctacgatcag 120

tcaatgcctt cgcattctta tgacaggaac ttcctcccag cggatgatctt ggagtccaac 180

aataaccatt accctcacca agtccagaca gctctccaac ttgtttgaaa tgctggactg 240

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<223> npt II forward primer

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<210> 24
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